

# TECHNICAL DATA SHEET\*

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**PJL9502**

**Vivid™ 2.4 Mil White Polypropylene**

## Description

### Product

Face: 2.4 Mil White Polypropylene

Adhesive: ST95

Liner: 2.4 SCK

### Total Construction

Caliper (Approx): **5.5** mils +/- 10%

**Face** This white top-coated, pearlescent biaxially oriented polypropylene is a semi-conformable film designed for excellent printing, converting and label dispensing. Proprietary top coating delivers excellent adhesion for superior graphics and print receptivity for various methods including UV Flexo, Water Flexo, Gravure, UV Inkjet, and Hot Stamp. Has received Association of Plastic Recyclers Design® for Recyclability Recognition on HDPE containers.

#### Physical Properties

Caliper

#### Typical Value

0.0024 " +/- 10%

#### Test Method

ASTM D2103

Elongation at Break, % (YIELD)

170 MD 35 CD

ASTM D1922

Tensile, lbs/in (YIELD)

14 MD 29 CD

ASTM D589

Opacity

90

ASTM D882

**Adhesive** ST95 is a general-purpose permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Also used in healthcare applications and considered to be latex glove friendly.

#### Physical Properties

180° Peel Adhesion

#### Typical Value

#### Test Method

Stainless Steel

2.5 lbs / in

PSTC-101A (30 min. applied)

HDPE

1.8 lbs / in

PSTC-101A (30 min. applied)

Loop Tack

Stainless Steel

3.2 lbs / in

PSTC-16A

HDPE

2.2 lbs / in

PSTC-16A

#### Temperature Ranges

Minimum Application Temperature

**+25°F (-4°C)**

Service Temperature

**-75°F to +200°F (-59°C to +93°C)**

**Disclaimer:** Tested with 2.6 mil white BOPP film facestock at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

**Liner** A super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

#### Physical Properties

Caliper

#### Typical Value

#### Test Method

Basis Weight

0.0024 " +/- 10%

TAPPI T-411

39.9 lbs. +/- 10%

TAPPI T-410

**Shelf Life** One year from the date of shipment, when stored at 72°F and 50% relative humidity.

\*This document represents typical values and is not considered a specification.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Technical Data Sheet, it is an uncontrolled document. Please check the Mactac website for the latest, most-up-to-date version. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied.

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